REMARKS/ARGUMENTS

Examiner rejected claims 1, 3-9, 13-21, 25-28, and 32 under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent 6,219,697 (hereinafter "Lawande") in view of what was well known in the art as exemplified by AAPA.

Claims 1, 13, 27, 33, and 40 are currently amended to reflect that bus devices used in conjunction with embodiments of the claimed invention may exist in their current power state during a configuration event or during various operations resulting from a configuration event. Specifically, claims 1, 13, 27, 33, and 40 are currently amended to include at least one limitation pertaining to the lack of effect of a configuration event on a device or operations performed as a result of a configuration event may have on other devices in the system.

Lawande, on the other hand does not teach, suggest, or provide motivation for maintaining power states of devices in a system in conjunction with the other limitations of claims 1, 13, 27, 33, and 40, nor does Lawande discuss power states in relation to the devices taught by Lawande. Instead, Lawande teaches a conversion technique between an internet protocol (IP) address within the network layer of an implementation of the open systems interconnection (OSI) communications model and a physical address of one or more devices residing on an IEEE1394 bus (Col. 12, Lns. 10-29), in which there is no mention of a desire to maintain power states among the devices.

Moreover, Lawande teaches away from the idea of maintaining power states of the devices during a configuration event within systems disclosed therein. For example, Column 12, Line 39 though Column 16, Line 5, in Lawande describes the series of steps that must take place upon an event, such as a reset, in which devices are added or removed to/from a bus. Among the series of steps described in Lawande

- 10 -

are several steps in which all devices on the dynamically configurable IEEE 1394 bus must be probed and are required to transmit data in response.

For example, in Column 13, Lines 14-36, Lawande describes the "tree identify state", in which, among other things, each node receives a "child signal, and responds with a message to its "parent", so that each node in the system can be reorganized according to a hierarchical structure. The exchange of signals among nodes typically requires the sender to consume power. Therefore, if a node is in a sleep power state, for example, it's reasonable to conclude that the node would be disturbed from its sleep state in order to respond to the request. Lawande teaches similar probe/response operations to each device in the system in Column 13, Line 37 through Line 4 in Column 14, in which the "self-identify phase" is discussed. Furthermore, Lawande in Column 15, Lines 16-36 describe a "get-priority-response" that each node in the system must provide in response to an event, such as a reset.

In light of the foregoing discussion with respect to currently amended claims 1, 13, 27, 33, and 40, Applicant submits that Lawande is not an appropriate reference upon which to base a rejection of these claims under 35 USC §103(a), because Lawande neither teaches, suggests, nor provides motivation for limitations in Applicant's currently amended claims pertaining to maintaining a power state among devices on the dynamically configurable bus. Therefore, Applicant respectfully submits that the rejections pertaining to independent claims 1, 13, 27, 33, and 40, as well as the claims that depend from the independent claims, have been overcome.

Accordingly, Applicant respectfully submits the present application is in condition for allowance. If the Examiner believes a telephone conference would expedite or
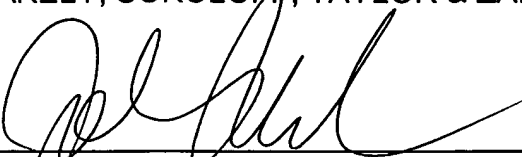
assist in the allowance of the present application, the Examiner is invited to call Erik Metzger at (512) 732-3922.

If any additional fee is required, please charge Deposit Account No. 02-2666.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Date: <u>September 17, 2004</u>

John Patrick Ward
Reg. No. 40,216

12400 Wilshire Boulevard
Seventh Floor
Los Angeles, CA 90025-1030
(408) 720-8300